$$\left[R_{\overline{m}}\!\!-\!\!E \overset{A}{\diagup \diagdown} E\!\!-\!\!R_{n} \right]^{p}$$

wherein A is a bridging group containing a Group 13-15 element; each E is independently a Group 15 or 16 element covalently bonded to M; each R is independently a C_1-C_{30} containing radical or diradical group which is a hydrocarbyl, substituted-hydrocarbyl, halocarbyl, substituted-halocarbyl, hydrocarbyl-substituted organometalloid, halocarbyl-substituted organometalloid, m and n are independently 1 or 2 depending on the valency of E; and p is the charge on the bidentate ligand such that the oxidation of state of MX_r is satisfied.

Claims (See Appendix B for marked up Claims)

Please delete Claims 2–5,7–12, 14–16, 21, 28, 29, 31, and 32. Please insert new Claims 33–39. A clean, complete set of claims for this application follows.

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1.   (Amended three times) A late transition metal catalyst precursor for olefin polymerization comprising a Group–9, –10 or –11 metal connected to a bidentate ligand immobilized on a solid support where the late transition metal loading is less than 100 micromoles transition metal compound per gram of solid support, wherein the catalyst precursor has the formula:

LMX_r wherein

(a)   M is a Group 9, 10 or 11 metal;

(b)   L is a bidentate ligand defined by the formula:

- 2 -